Amendments to the Specification:

Please replace the paragraph, beginning at page 2, line 25, with the following rewritten paragraph:

In this case, probably, there is a combination of NATs unable to establish communications. In FIG. 40, when communicating from PC1 of information processor connected to NAT1 local side to PC2, let us call NAT1 as sending side NAT, and NAT2 as receiving side NAT. Hence, combination of NATs capable of establishing communications between PC1 and PC2 is as shown in FIG. 41. Abbreviations of NATs in FIG. 41 are specifically described in the following preferred embodiments. In FIG. 41, connection of *1 has been known hitherto, ~~connection of *2 is disclosed in non-patent reference 1, and connection of *3 is disclosed in non-patent reference 2~~. Even in the combination of NATs capable of establishing communications, connection of *3 involves an uncertainty because communications cannot be established unless the port number differential of NAT is known and the position of the latest port of receiving side NAT is known.

Please replace the paragraph, beginning at page 26, line 21, with the following rewritten paragraph:

(Step S304) Port number differential detector 68 in ~~firs server~~ first server 6 receives the port number differential detecting packet sent from first information processor 1, and detects the port number differential on the basis of this port number differential detecting packet. Detecting method of port number differential is explained. Port number differential detector 68 receives the port number differential detecting packet, and detects the ports P201 to P204 of first communication control unit 3 used in transmission of each port number differential detecting packet. For example, in the case the port interval of port P202 and port P201 is 12, the port interval of port P203 and port P202 is 6, and the port interval of port P204 and port P203 is 18, the smallest port interval of 6 may be detected as port number differential. Or the greatest common measure of port intervals may be detected as port number differential. For example, in the case the port interval of port P202 and port P201 is 12, the port interval of port P203 and port P202 is 6, and the port interval of port P204 and port P203 is 9, the greatest common measure of 3 may be detected as port

number differential. The detected port number differential is transferred to port number differential information transmitter 69. Detecting method of port number differential is not limited to these examples, but the port number differential may be detected by any other method. The number of port number differential detecting packets used in transmission of detection of port number differential is not limited to 4, but may be freely changed within a range of detecting the port number differential.

Please replace the paragraph, beginning at page 28, line 15, with the following rewritten paragraph:

(Step S307) Range detection packet transmitter 13 sends the range detecting packet to second server 7 by way of first communication control unit 3. This range detecting packet is received in range detector 66 by way of communication unit 71 and communication unit 61. In the case of possibility of AS NAT being used in first communication control unit 3, it is required to send the range detecting packet to second server 7 in this manner, but if there is no possibility of AS NAT being used in first communication control unit 3, the ~~rang~~ range detecting packet after transmission of bubble packet may be also sent to first server 6. In this case, same as in step S305, the range detecting packet is transmitted or received by using, for example, a port of first information processor 1 not used so-far in communication with first server 6. Thus transmitted range detecting packet is received in range detector 66 of first server 6. Range detector 66 detects the position of the port of first communication control unit 3 used in transmission of range detecting packet.